

KFOURY ET AL.
"Electronic Device With Rotatable
Keypad And Display"
Atty. Docket No. CS10289

Response Under 37 CFR 1.116
Appl. No. 09/941,521
Examiner J. Chiang
Art Unit 2642

REMARKS

Request for Reconsideration, Claims Pending

The final Office Action mailed on 11 July 2005 has been considered carefully. Reconsideration of the claimed invention in view of the amendments above and the discussion below is respectfully requested.

Claim 1-6, 15, 22 and 25 have been canceled.

Claims 7-14, 16-21, 23-24 and 26-28 are pending.

Allowability of Claims Over Nuovo et al.

Rejection Summary

Claims 1-8, 10 and 14-28 stand rejected under 35 USC 102(e) as anticipated by US Patent No. 6,593,914 (Nuovo et al.) Office Action, 3 March 2004, para. 2.

Discussion of Claim 7

Claim 7 has been amended to include limitations of Claim 15. Contrary to the Examiner's assertion, Nuovo et al. fail to disclose or suggest

... portable electronic device having a housing, comprising:
an input area disposed on the housing, the input area is rotational at
least substantially 180 degrees relative to the housing;
a display having a display image disposed on the housing;

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a sensor for providing a sensor signal representative of an orientation of the input area relative to the housing; and
a display system for changing, in response to the sensor signal, an orientation of the display image on the display relative to the orientation of the input area and as a function of the orientation of the input area.

Nuovo et al. do not disclose that the input area rotates 180 degrees. The Examiner's reference to Nuovo et al. at col. 2: 36-43 do not support the rejection. Nuovo et al. merely discuss a keypad that rotates by removal from the device and then being replaced with an alternative configuration. In FIGS. 4 and 5, Nuovo et al. disclose rotation of the keypad by not more than 90 degrees. Claim 7 is thus patentably distinguished over Nuovo et al.

Discussion of Claim 18

Claim 18 has been amended to include limitations of Claim 22. Contrary to the Examiner's assertion, Nuovo et al. fail to disclose or suggest

... portable electronic device, comprising:
a physically rotatable keypad, the keypad rotational at least substantially 180 degrees;
a display having a display image;
a sensor for providing a sensor signal representative of an orientation of the keypad relative to the electronic device;
display drivers for forming the display image on the display; and
a processor for receiving the sensor signal and in response thereto modifying the display drivers for forming the display image on the display with an orientation that is a function of the orientation of the keypad.

Nuovo et al. do not disclose that the input area rotates at least 180 degrees. The Examiner's reference to Nuovo et al. at col. 2: 36-43 do not support the rejection. Nuovo et al. merely discuss a keypad that rotates by removal from the device and then being replaced with an alternative

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configuration. In FIGS. 4 and 5, Nuovo et al. disclose rotation of the keypad by not more than 90 degrees. Claim 18 is thus patentably distinguished over Nuovo et al.

Discussion of Claim 24

Claim 24 has been amended to include limitations of Claim 25. Contrary to the Examiner's assertion, Nuovo et al. fail to disclose or suggest

... portable electronic device, comprising:
a housing;
a keypad pivotally disposed on the housing, the keypad pivotally positionable between at least first and second positions separated by 180 degrees;
a display disposed on the housing;
the display having a first display configuration when the keypad is in the first position,
the display having a second display configuration when the keypad is in the second position.

Nuovo et al. do not disclose that the input area rotates between positions separated by 180 degrees. The Examiner's reference to Nuovo et al. at col. 2: 36-43 do not support the rejection. Nuovo et al. merely discuss a keypad that rotates by removal from the device and then being replaced with an alternative configuration. In FIGS. 4 and 5, Nuovo et al. disclose rotation of the keypad by not more than 90 degrees. Claim 24 is thus patentably distinguished over Nuovo et al.

Discussion of Claim 26

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Regarding Claim 26, contrary to the Examiner's assertion, Nuovo et al. fail to disclose or suggest

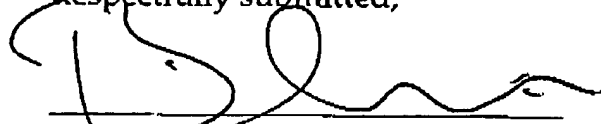
... portable electronic device, comprising:
a housing having an upper portion and a lower portion;
a keypad disposed on the housing;
a display disposed on the housing;
the display nearer the lower portion of the housing than the keypad,
the keypad nearer the upper portion of the housing than display.

In FIG. 5 of Nuovo et al., the keypad 56 is located side-by-side with the display 54. Thus in Nuovo et al. the display is not nearer the lower portion of the housing and the keypad is not nearer the upper portion of the housing. In FIG. 4, Nuovo et al. discloses the display and the top and keypad at the bottom of the housing. Claim 6 is thus patentably distinguished over Nuovo et al.

Prayer for Relief

In view of the discussion and any amendments, Claims 7-14, 16-21, 23-24 and 26-28 of the present application are in condition for allowance. Kindly withdraw any rejections and objections and allow this application to issue as a United States Patent without further delay.

Respectfully submitted,



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